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PATENT



Case Docket No. ASMMC.045AUS
Date: May 14, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Raaijmakers et al.
App. No. : 10/696,244
Filed : October 28, 2003
For : OXYGEN BRIDGE
STRUCTURES AND
METHODS TO FORM
OXYGEN BRIDGE
STRUCTURES
Examiner : Unknown
Group Art Unit : 2812

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 14, 2004

(Date)

Andrew N. Merickel, Reg. No. 53,317

TRANSMITTAL LETTER

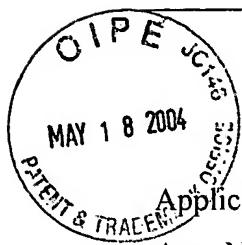
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with seven (7) references listed, one (1) of which is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Raaijmakers et al.
App. No.	:	10/696,244
Filed	:	October 28, 2003
For	:	OXYGEN BRIDGE STRUCTURES AND METHODS TO FORM OXYGEN BRIDGE STRUCTURES
Examiner	:	Unknown
Group Art Unit	:	2812

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seven (7) references, one (1) of which is enclosed. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the mailing date of a final action under 37 C.F.R. § 1.113 and before the mailing date of a Notice of Allowance under § 1.311. A certification under 37 C.F.R. § 1.97(e) is set forth below. Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

Appl. No. : 10/696,244
Filed : October 28, 2003

Docket No. ASMMC.045AUS
Customer No. 20,995


CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(2)

I hereby certify that no item of information contained in this Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than 30 days prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 14, 2004

By: 

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. ASMMC.045AUS	APPLICATION NO. 10/696,244
	APPLICANT Raaijmakers et al.	
	FILING DATE October 28, 2003	GROUP 2812

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	SEE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,913,144	06/15/99	Nguyen et al.			
	2	5,918,150	06/29/99	Nguyen et al.			
	3	6,348,402	02/19/02	Kawanoue et al.			
	4	6,153,515	11/28/00	Murakami et al.			
	5	6,391,785B1	05/21/02	Satta et al.			
	6	2002/0004293 A1	01/10/02	Soininen et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	7	Chen et al., "The Effect of Surface Oxides on Cu/Ta Interfacial Interactions" Mat. Res. Soc. Symp. Proc., Vol. 564, 1999 pp. 287-292

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	